

FIG. 1

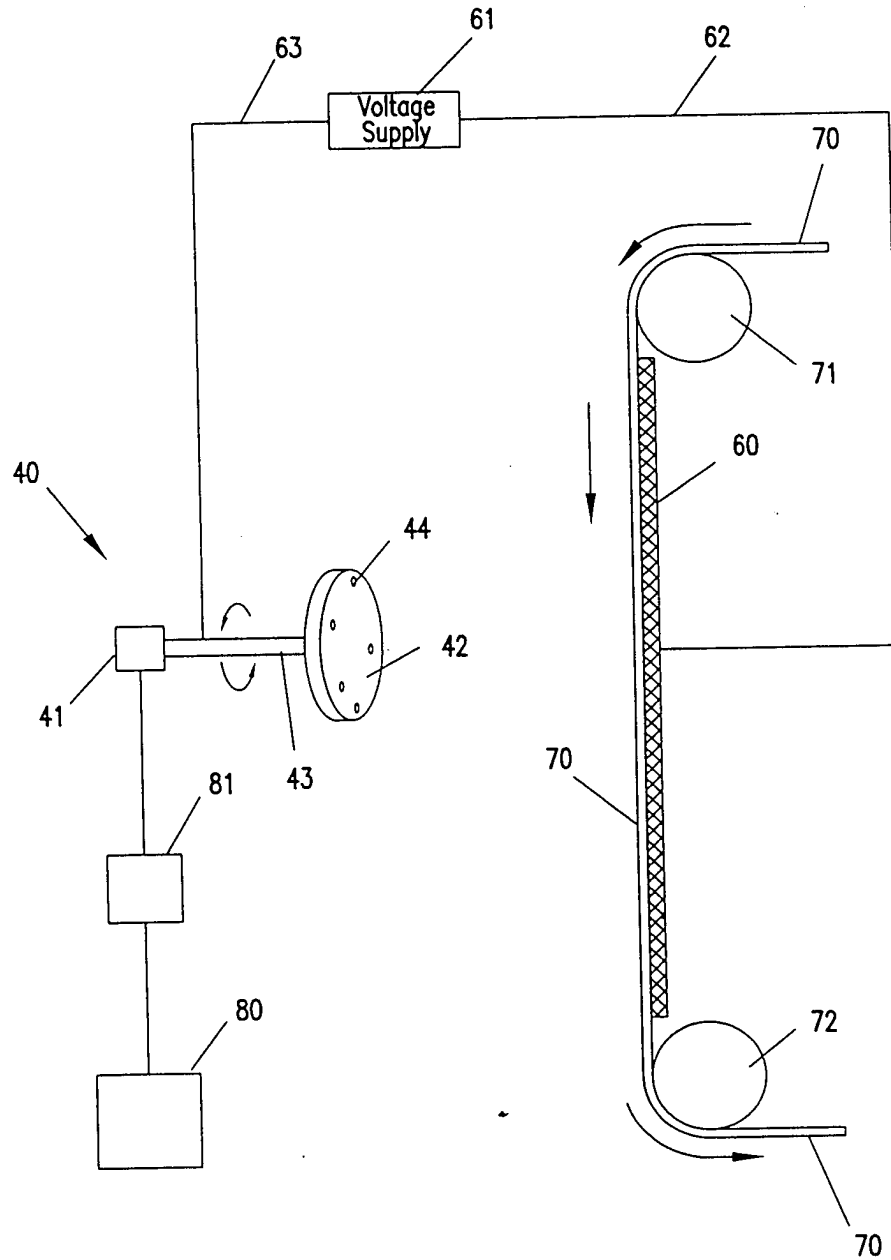


FIG. 2

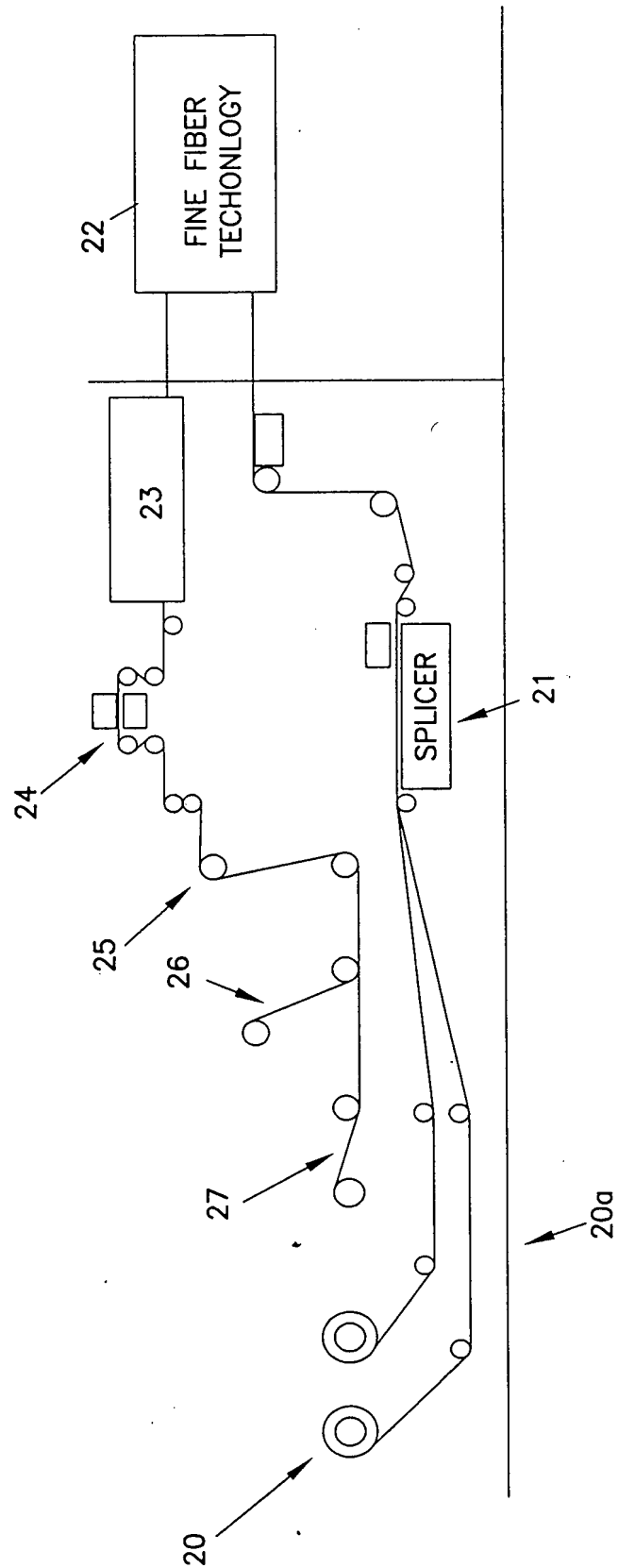
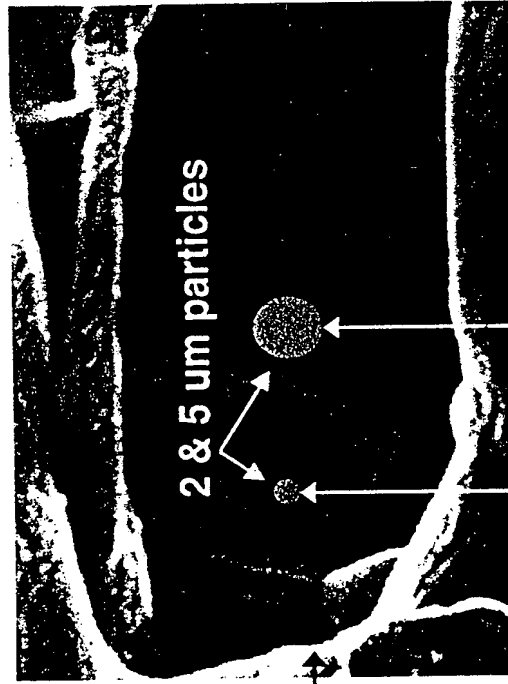


FIG. 3A

Cellulose Media



33

31

32

FIG. 3B

Ultra-Web



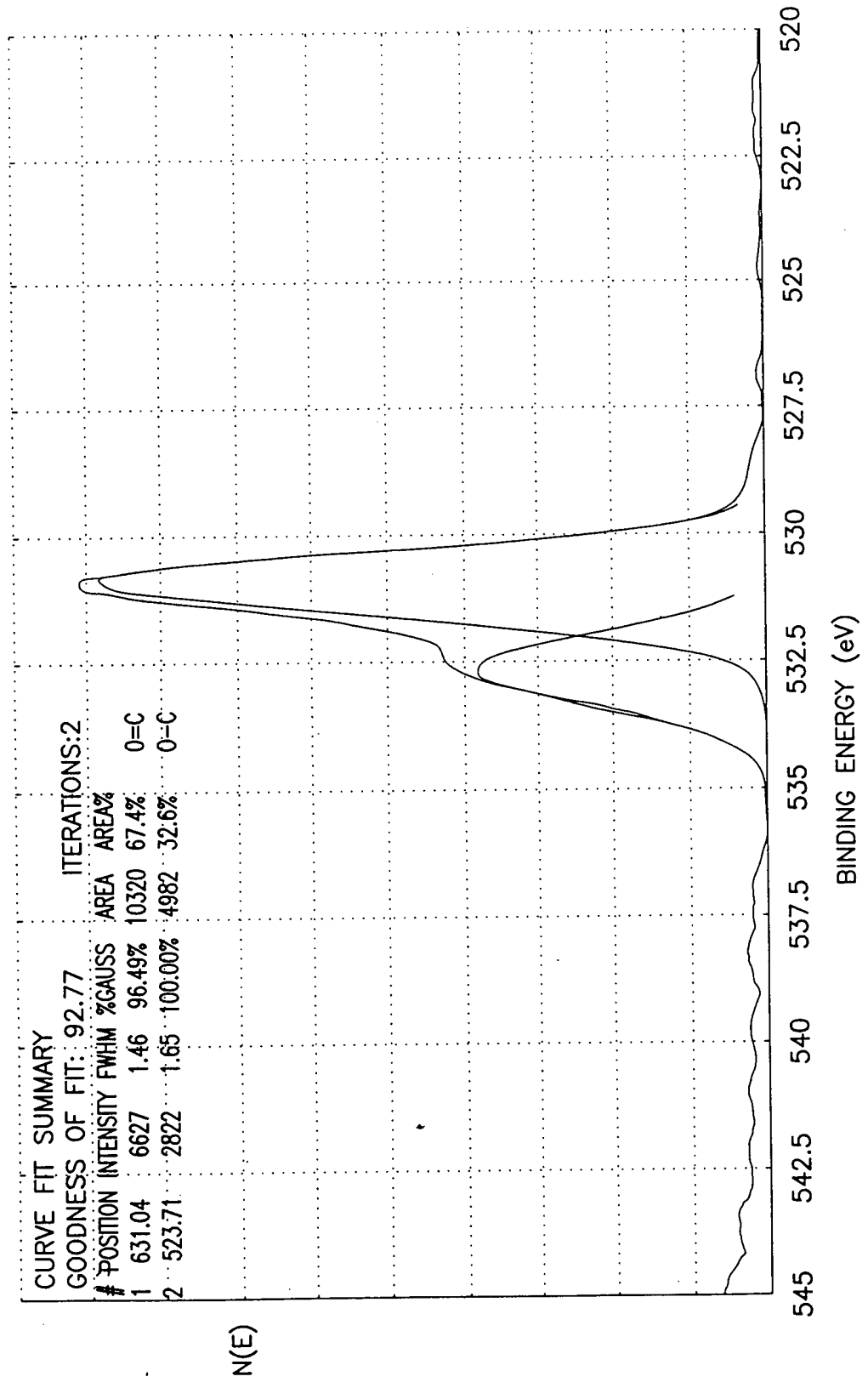
31

32

33

2,000 X Scanning Electron Microscope Images

FIG. 4 ESCA O1s SPECTRA FOR SAMPLE 6A AS SPAN



ESCA O1s SPECTRA FOR HEAT-TREATED SAMPLE 6A

FIG. 5

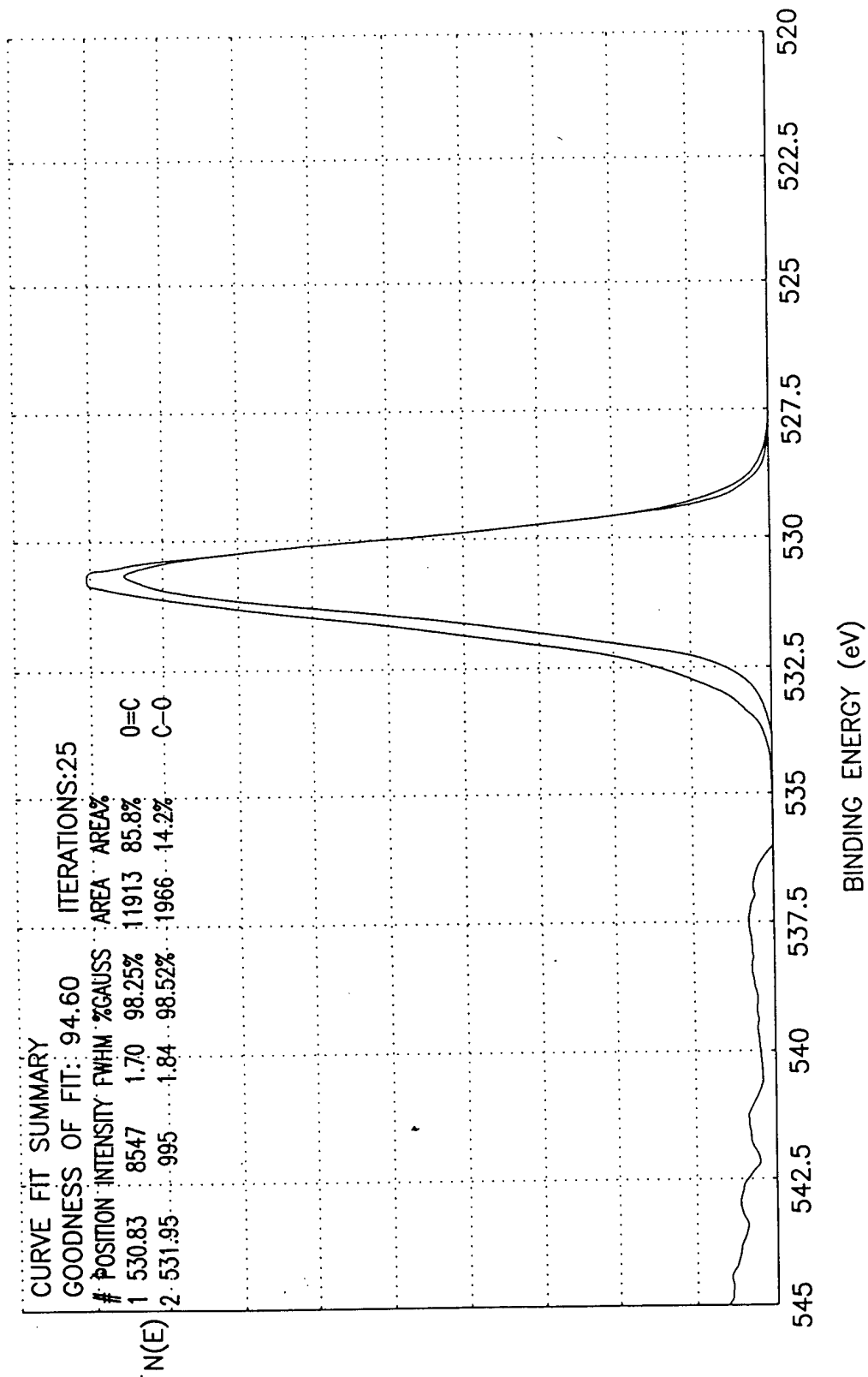
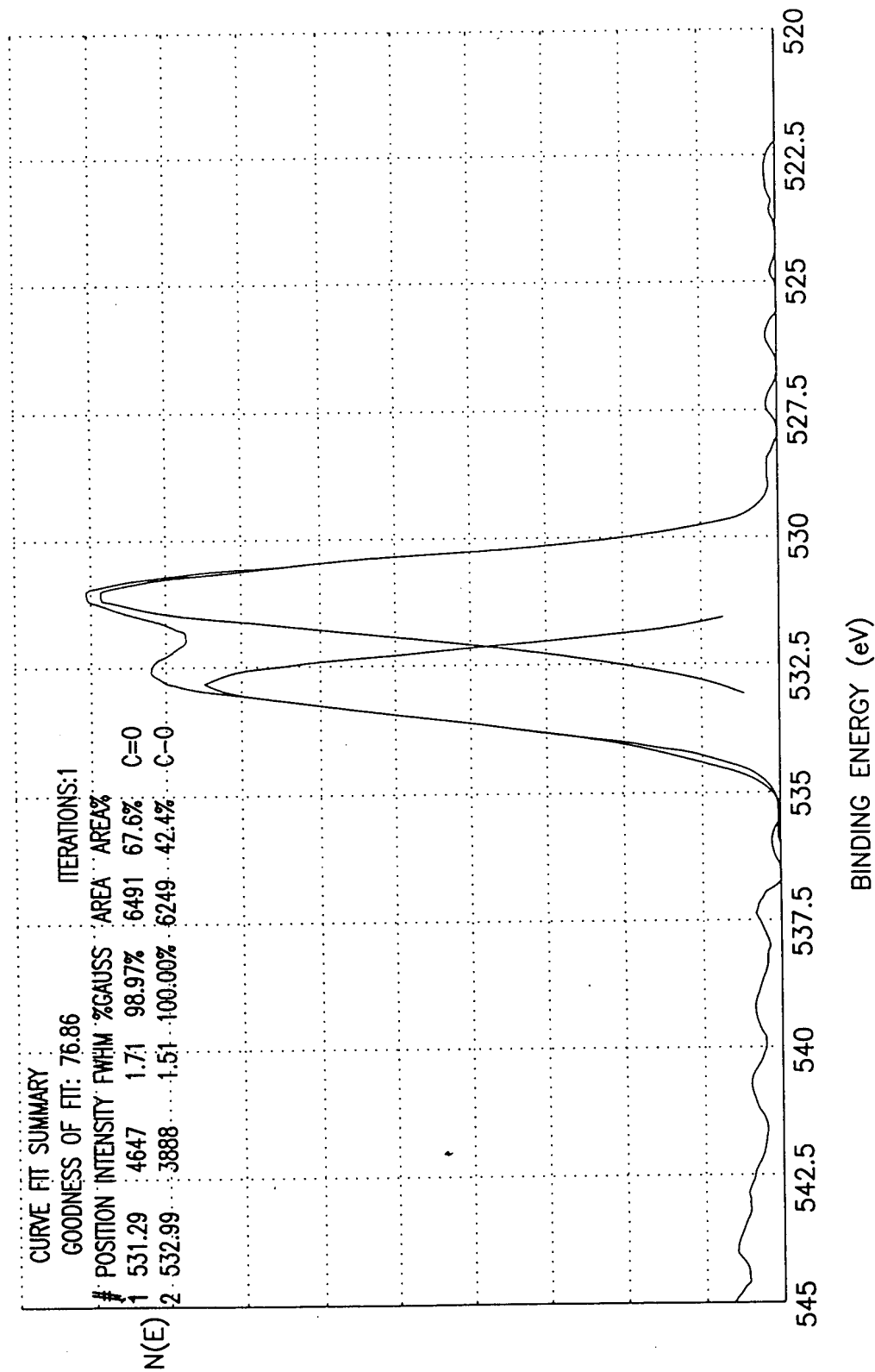


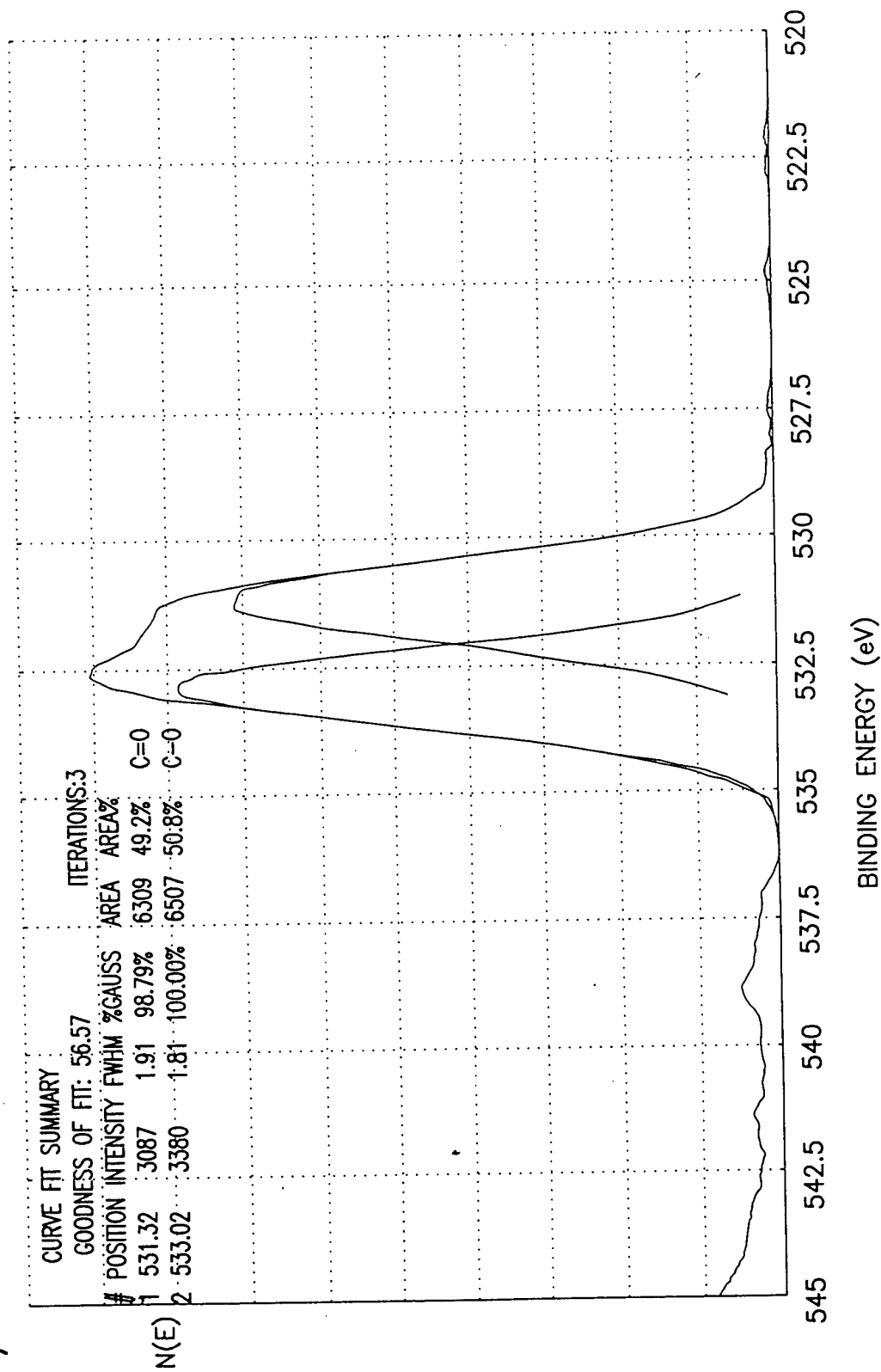
FIG. 6

ESCA O1s SPECTRA FOR AS-SPAN EXAMPLE 6B

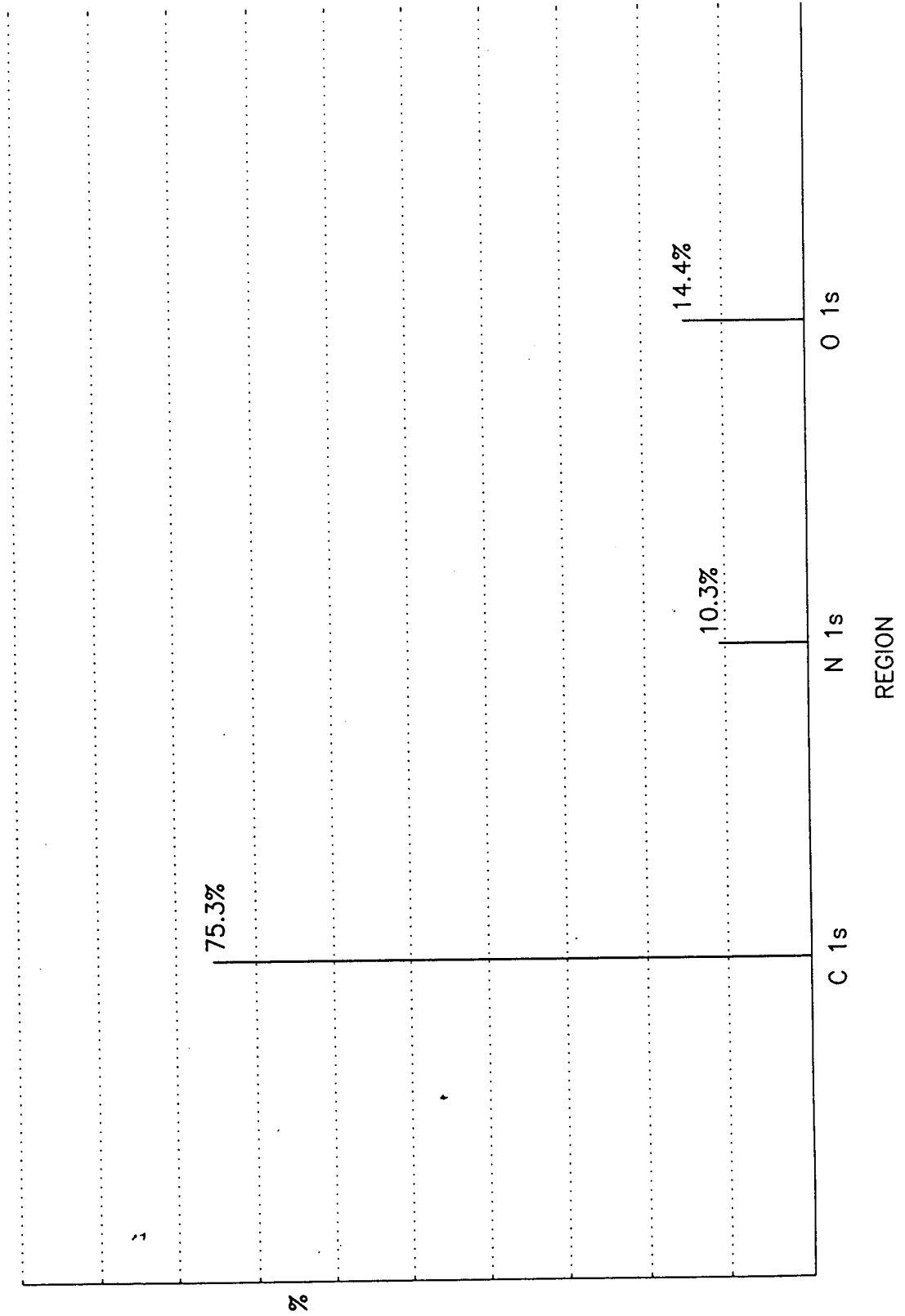


ESCA 01s SPECTRA FOR HEAT-TREATED EXAMPLE 6B

FIG. 7



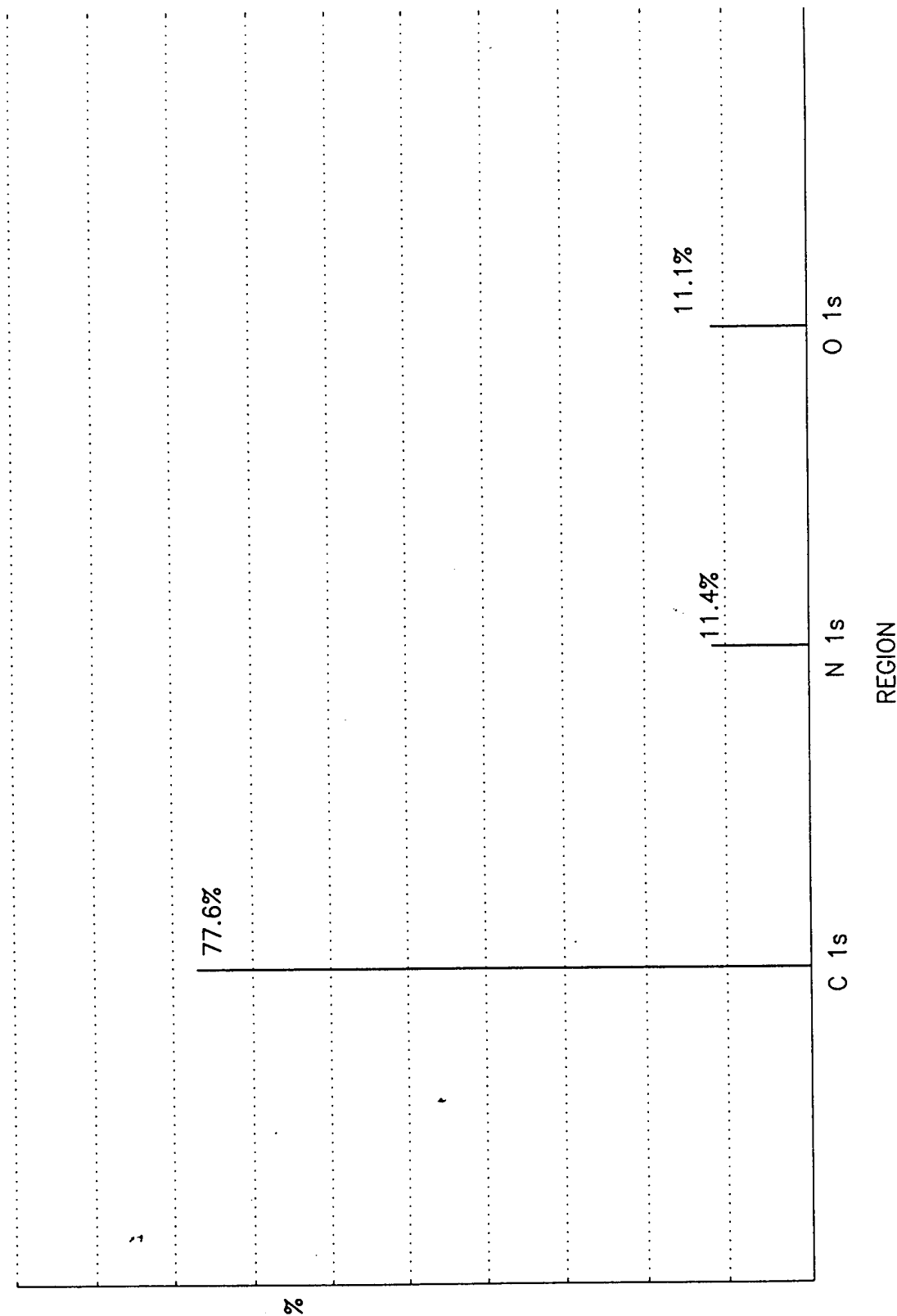
ESCA 01s MULTIPLEX FOR AS-SPUN SAMPLE 6A





ESCA 01s MULTIPLEX FOR HEAT TREATED SAMPLE 6A

FIG. 9



ESCA 01s MULTIPLEX FOR AS-SPIN SAMPLE 6B

FIG. 10

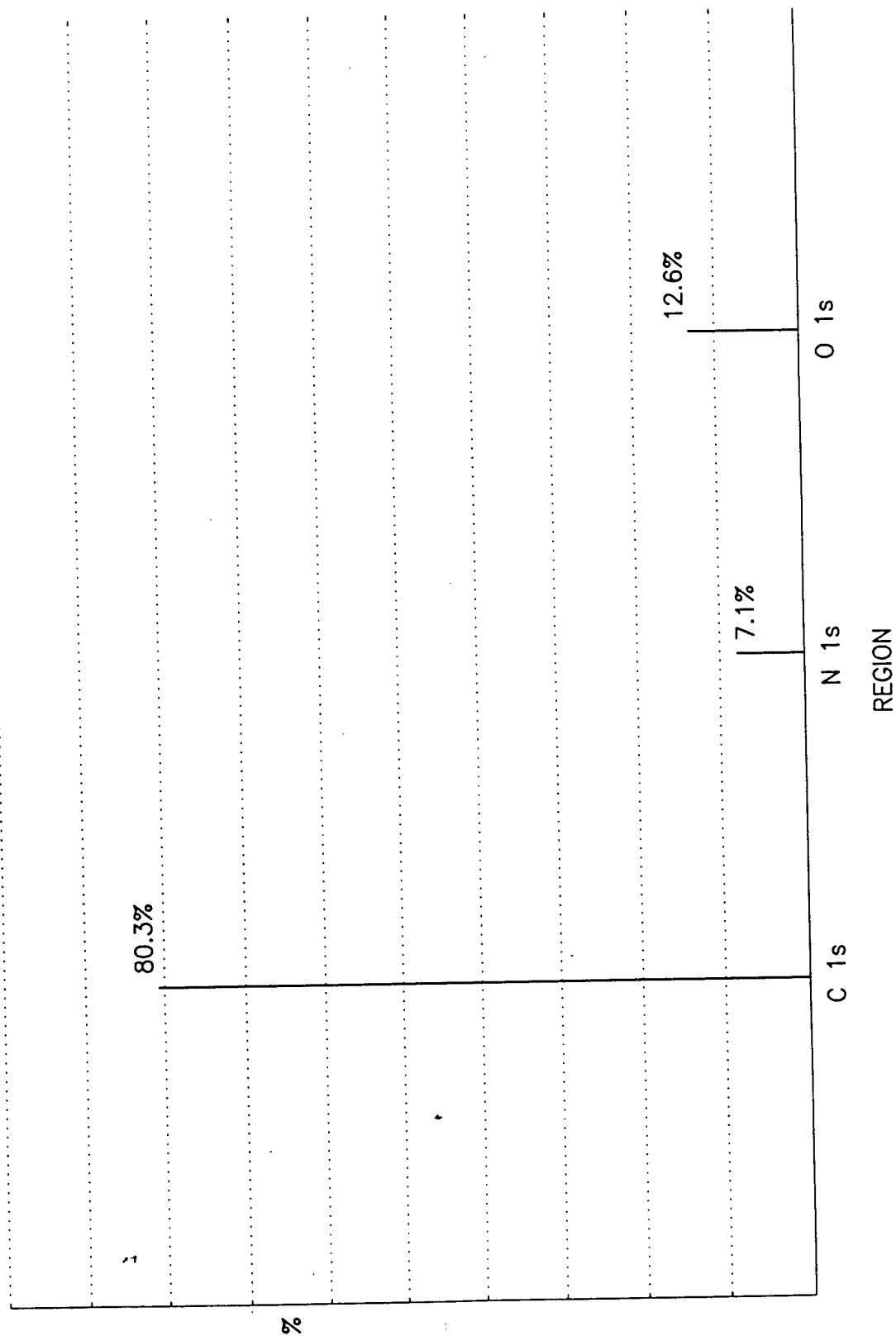


FIG. 11 ESCA 01s MULTIPLEX FOR HEAT-TREATED SAMPLE 6B

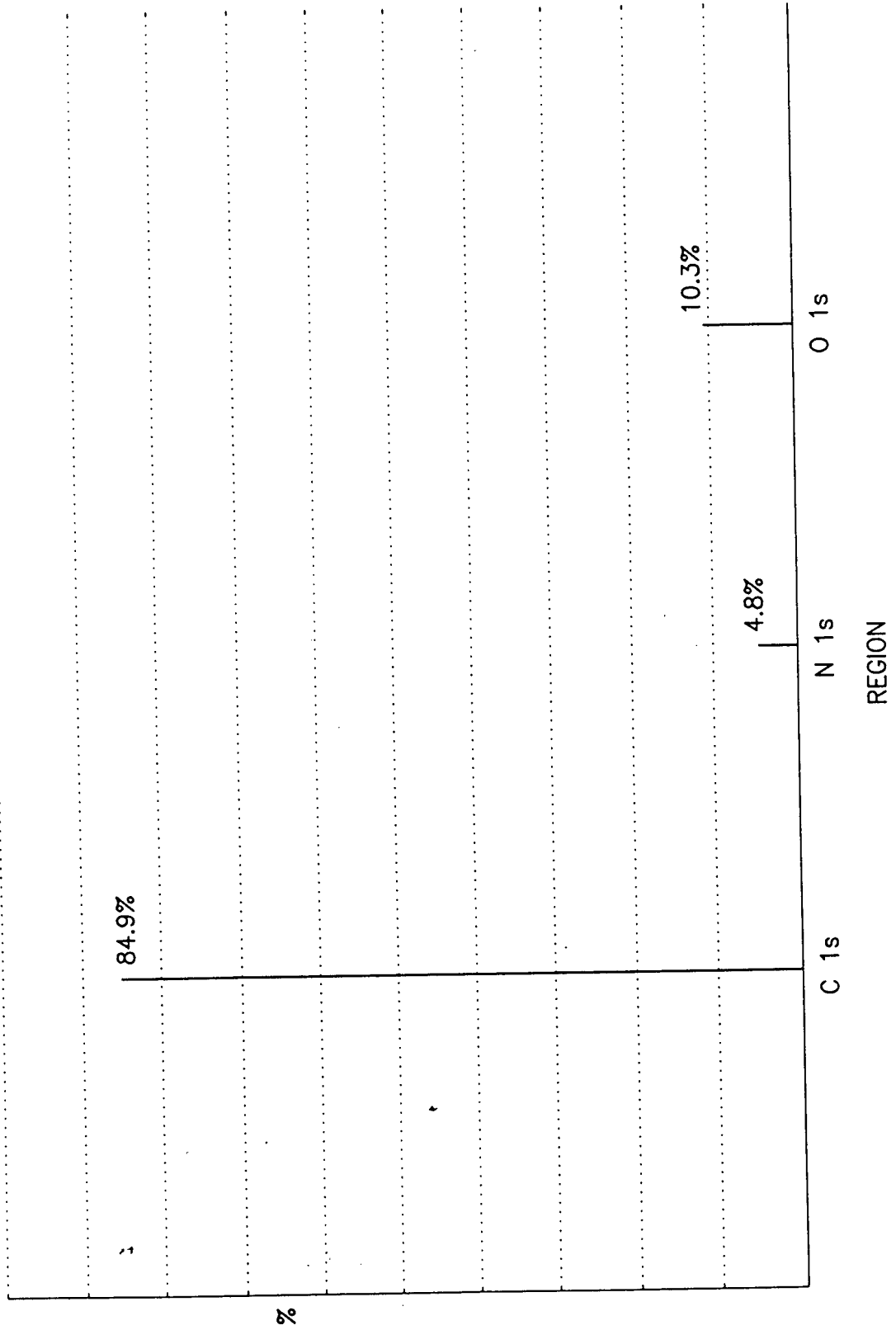


FIG. 12

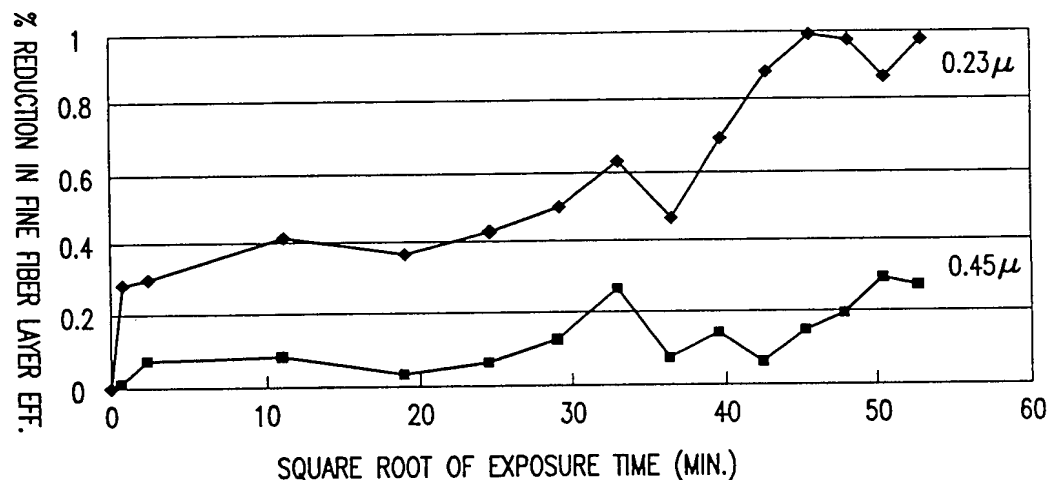


FIG. 13

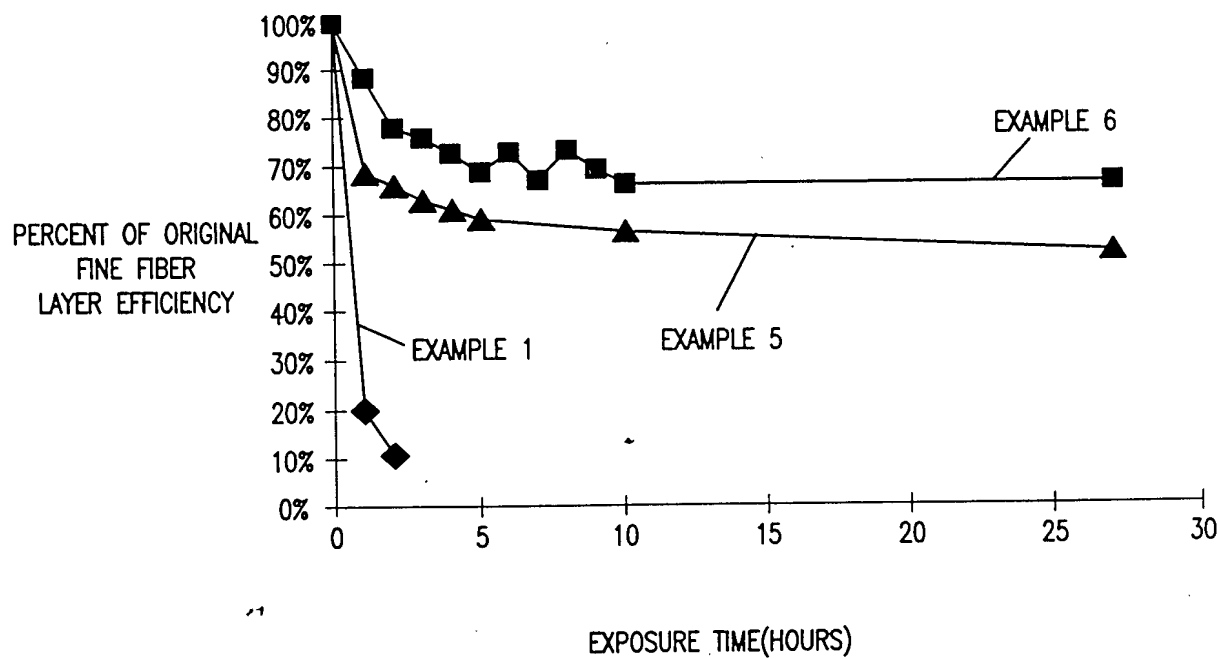


FIG. 14

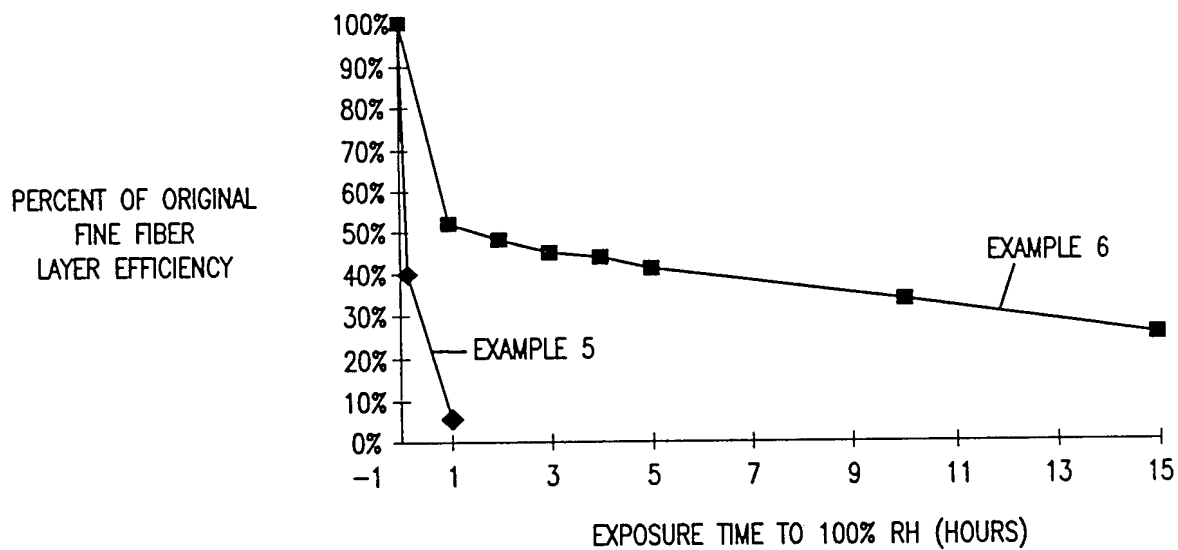


FIG. 15

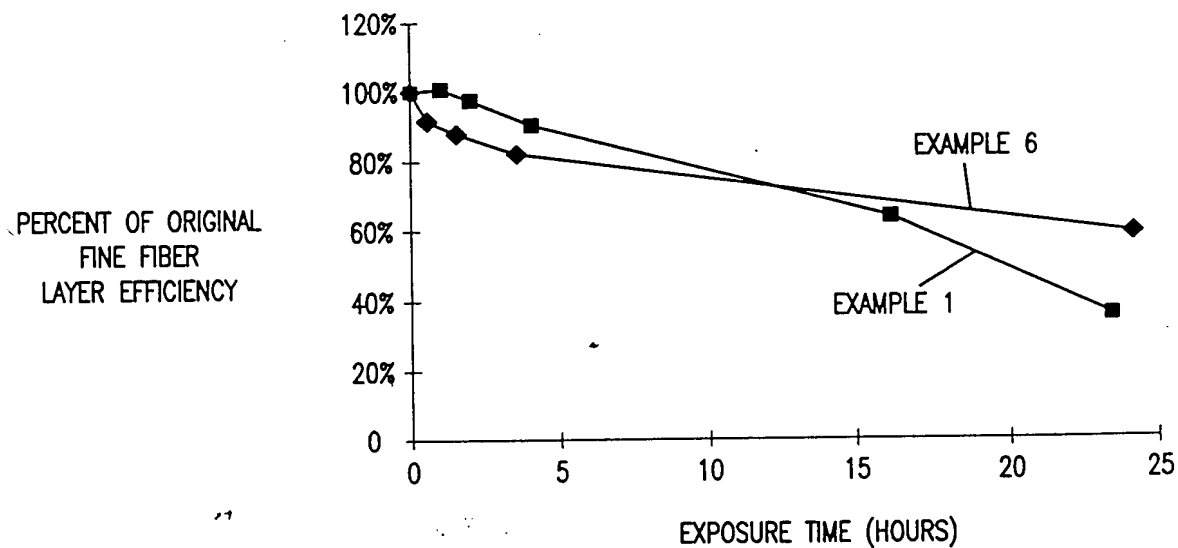


FIG. 16

